

base₂ inc.

MODEL 800B IMPACT PRINTER

64 User-defined chars. or dot printer

GEF

80-COLUMN IMPACT PRINTER

LOWEST IN PRICE — HIGHEST IN PERFORMANCE

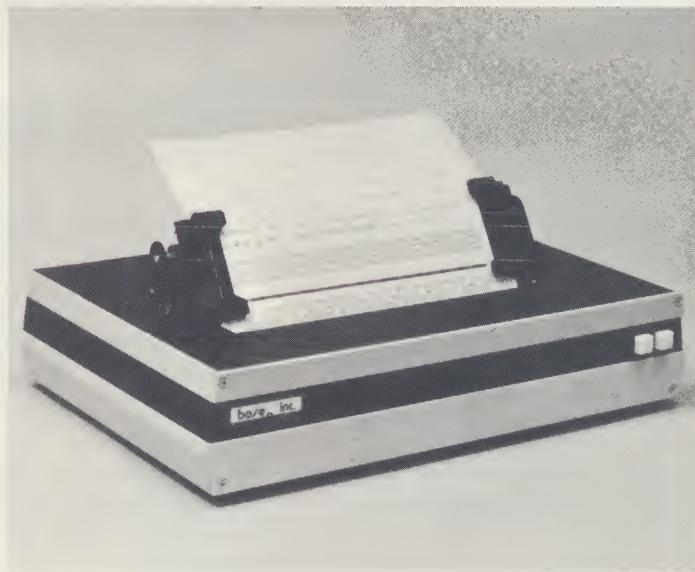
The Base 2 MODEL 800B printer offers more features and flexibility than competitive units but at a substantially lower cost.

For example, its metal enclosure provides a rugged skin that makes it suitable for industrial environments. Its extremely small size and tasteful styling make it an unobtrusive complement to any computer system.

To simplify interface problems, the MODEL 800B has been equipped to handle the four most popular disciplines — just add the right cable and the printer does the rest . . . at fifteen baud rates up to 9,600. Six print densities, from 64 to 132 characters per line, afford the system designer more format flexibility than ever before. With character expansion, up to twelve character sizes are possible.

As a further measure of flexibility, the MODEL 800B can accommodate up to ten different character sets which may be selected under program control. One set can be downloaded from the host computer. Up to eight additional character sets can be provided as options. The MODEL 800B is thus ideal for scientific or overseas use. In the latter case, the unit can be internally wired for 115VAC or 230VAC and can be operated at either 50 or 60Hz.

The MODEL 800B is equipped with a programmable stepper motor to provide high speed paper advance and dot resolution graphics. The tractor feed enables the printer to use variable width pin-feed paper.



The MODEL 800 is the ideal printer for small business systems, data logging, home computing or virtually any application where maximum versatility and low cost are important.

FEATURES

- **Four standard interfaces:**
 - RS-232 (15 baud rates)
 - Centronics compatible parallel
 - IEEE-488
 - 20ma current loop
- **Six line densities:** 64, 72, 80, 96, 120, 132
- **100 CPS at all six densities**
- **Unidirectional or bidirectional printing**
- **Sixteen horizontal and ten vertical tabs**
- **Elongated characters in all six densities**
- **1920 character buffer**
- **Uses either perforated or roll paper**
- **Fully adjustable tractors to 9-1/2"**
- **Auto self-test**

- **Up to 10 character fonts**
 - Standard 96 character ASCII
 - User defined character font
 - Provision for up to eight additional fonts
- **Dot resolution graphics in six densities**
- **Variable line spacing control from 0 to 64 dots in half-dot increments**
- **Auto form-feed for any form length at any line spacing**
- **Heavy-duty all aluminum chassis**
- **110vac or 220vac, 50/60Hz**
- **100 million character printhead**
- **Measures on 15" wide, 3" high, and 11" deep**
- **Weighs only 15 lbs.**

80-COLUMN IMPACT PRINTER

PRINTING METHOD

7 wire dot matrix, bi-directional impact

PRINT AREA

8.0 inches (203 mm) maximum

THROUGHPUT SPEED

60 lines per minute maximum

PRINT SPEED

100 CPS (all densities)

LINE SPACING

6 lines per inch default-variable in half dot increments

COLUMN CAPACITY

64, 72, 80, 96, 120 or 132

CHARACTER HEIGHT

.104 inches (2.6 mm)

CHARACTER WIDTH

.083 inches (2.0 mm) at 80 col.

PAPER WIDTH

9.5 inches maximum

PAPER LOADING

rear, bottom or front

PAPER THICKNESS

.0013 inch (0.33 mm)

PAPER FEED SPEED

1 1/2" per second

RIBBON

.5 inch (13 mm) cartridge (5M chars)

INPUT/OUTPUT PROVISIONS

- a) RS-232
- b) 20 ma current loop
- c) IEEE-488
- d) Centronics type parallel

BAUD RATES

fifteen rates from 75 to 9,600

CHASSIS

Heavy gauge aluminum

PAPER FEED

- a) tractor feed
- b) friction feed

CHARACTER FONT

- a) 5x7 96 character ASCII standard
- b) elongated in six densities (embedded)
- c) user defined
- d) provision for up to eight additional fonts

MEMORY

- a) line buffer
- b) aux. char. font buffer
- c) 1920 character buffer

SIZE

3 inches high (75.2 mm)
11 inches deep (254 mm)
15 inches wide (355.6 mm)

WEIGHT

15 pounds (6.8 Kg.)

OPERATING CONDITIONS

40° — 95°
10% — 90% relative humidity

POWER

115VAC or 230VAC
(user selectable)

50 or 60 Hz

EXTERNAL CONTROLS

- a) power on-off
- b) self-test
- c) baud rate
- d) line/buffer length
- e) I/O mode select
- f) unit select
- g) paper advance/ form feed

LIFE EXPECTANCY

- a) print-head: 100 M chars.
- b) drive mechanism: 10 M lines
- c) ribbon cartridge: 5 M chars.

GRAPHICS

- a) dot resolution control
- b) five graphics densities
- c) 99 dots/inch horiz. (max.)
- d) 72 dots/inch vertical

TABS

- a) Horizontal — 16 positions
- b) Vertical — 10 positions

FORMS CONTROL

- a) form length to 127 lines
- b) variable perforation skip
- c) auto form feed

64 Chars per line. !#\$%&^<()**+, -, / 0123456789; : <=>?@ABCDEFGHIJKLMNPQRSTUVWXYZ[]^_`abcdefghijklmnopqrstuvwxyz<()~@

72 Chars per line. !#\$%&^<()**+, -, / 0123456789; : <=>?BCDEFGHIJKLMNPQRSTUVWXYZ[]^_`abcdefghijklmnopqrstuvwxyz<()~@

80 Chars per line. !#\$%&^<()**+, -, / 0123456789; : <=>?@ABCDEFGHIJKLMNPQRSTUVWXYZ[]^_`abcdefghijklmnopqrstuvwxyz<()~@

96 Chars per line. !#\$%&^<()**+, -, / 0123456789; : <=>?@ABCDEFGHIJKLMNPQRSTUVWXYZ[]^_`abcdefghijklmnopqrstuvwxyz<()~@

120 Chars per line. !#\$%&^<()**+, -, / 0123456789; : <=>?@ABCDEFGHIJKLMNPQRSTUVWXYZ[]^_`abcdefghijklmnopqrstuvwxyz<()~@

132 Chars per line. !#\$%&^<()**+, -, / 0123456789; : <=>?@ABCDEFGHIJKLMNPQRSTUVWXYZ[]^_`abcdefghijklmnopqrstuvwxyz<()~@

GRAPHICS

